

Class	Subclass
ISSUE CLASSIFICATION	

PATENT NUMBER

**U.S. UTILITY Patent Application**

**O.I.P.E.**

**PATENT DATE**

1/SCANNED

94

AA

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
09/851242		428	21 8611	1732 1732	STADVIC [Signature]

Charles Runkle  
Amitava Sengupta  
Tony Vido

Hollow fiber membrane contactor and method for making same

PTO-2040  
12/89

<b>ISSUING CLASSIFICATION</b>									
<b>ORIGINAL</b>				<b>CROSS REFERENCE(S)</b>					
<b>CLASS</b>		<b>SUBCLASS</b>		<b>CLASS</b>	<b>SUBCLASS (ONE SUBCLASS PER BLOCK)</b>				
<b>INTERNATIONAL CLASSIFICATION</b>									

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>		<b>CLAIMS ALLOWED</b>	
	Sheets Draw.	Figs. Draw.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		<b>NOTICE OF ALLOWANCE MAILED</b>  	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____	_____ (Primary Examiner) (Date)		<b>ISSUE FEE</b> Amount Due Date Paid	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)		<b>ISSUE BATCH NUMBER</b>	
<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 338. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.				

Form PTO-438A  
(Rev. 8/89)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in packet on right inside bag)

(FACE)